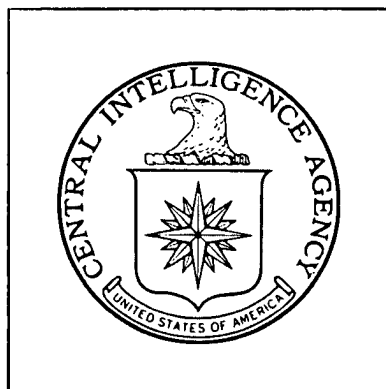


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**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Hupei Province, China



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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report, based on 1969 and early 1970 photography, updates the previous basic reports on the six major power plants in Hupeh Province, central China. The cutoff date for information in this report is March 1970.

Construction is continuing at the Kuang-hua hydro power plant. The dam is nearing completion and about half of the powerhouse is roofed. A new switching yard, which will probably replace the previously reported switching yard, has been constructed. The plant has not been seen in operation and it probably is not yet operational.

No construction or dismantling has been observed at the other five plants. On the latest coverage, the Huang-shih plant and the two Wu-han plants were operating. At the Han-kou and Hsi-shui plants, there was no activity to indicate that they were in operation.

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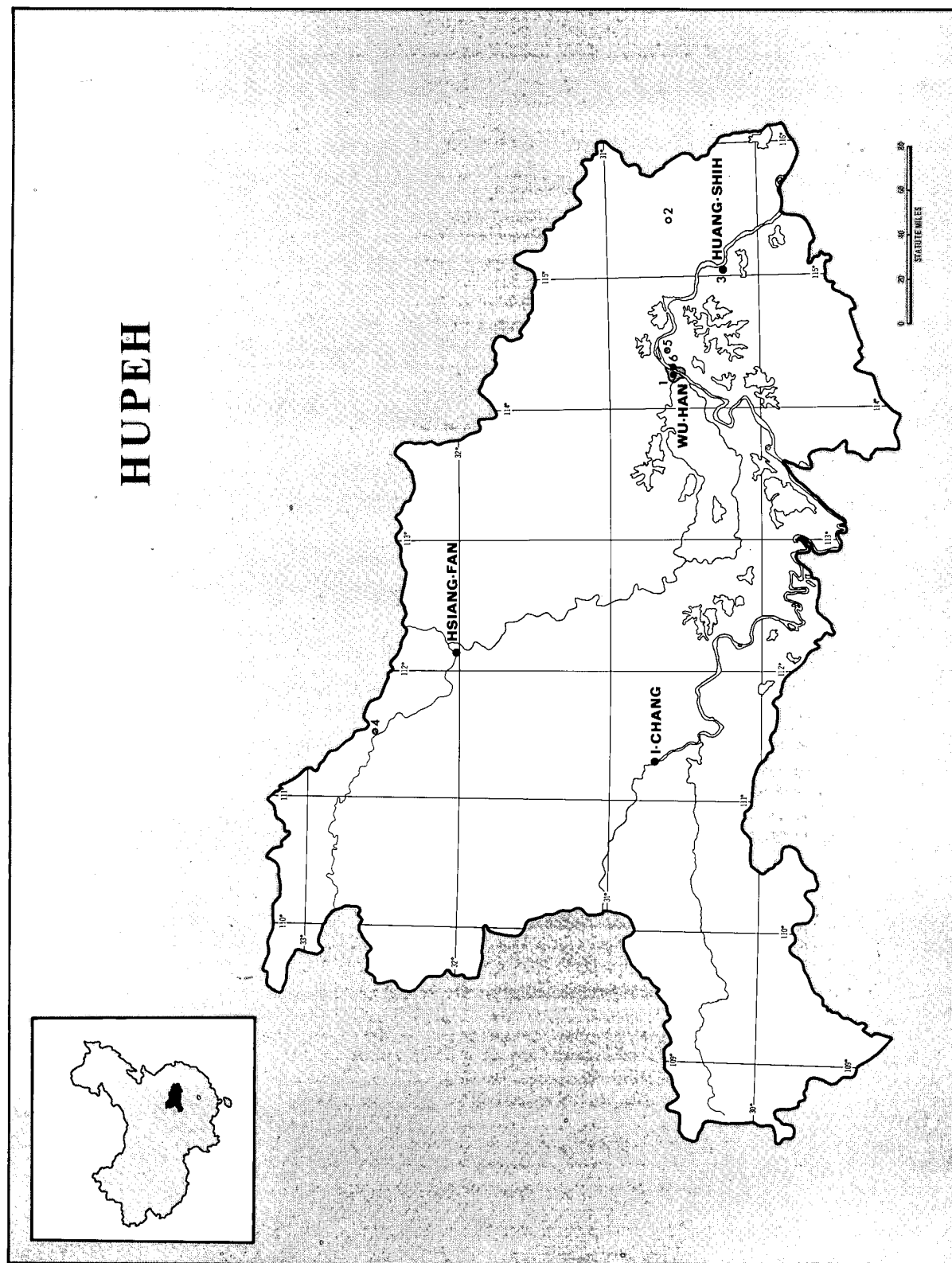


FIGURE 1. LOCATION MAP.

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INTRODUCTION

This report presents information on the current status of each of the six major electric power plants in Hupeh Province and describes any changes since the previous reports.

The following list of the major electric power plants in Hupeh Province is keyed to figure 1.

1. Han-kou Thermal Power Plant.
2. Hsi-shui Hydro Power Plant Pai-lien-ho.
3. Huang-shih Thermal Power Plant.
4. Kuang-hua Hydro Power Plant Tan-chiang-kou.
5. Wu-han Heat and Thermal Power Plant Ching-shan.
6. Wu-han Thermal Power Plant 3.

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INSTALLATION OR ACTIVITY NAME		COUNTRY	
Han-kou Thermal Power Plant		CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES		25X1
50RKJ372856	30-33-59N 114-15-52E		
MAP REFERENCE			
	USATC, Series 200. Sheet M0493-6HL. 4th ed. Jan 68. Scale 1:200,000		25X1
	(SECRET)		25X1
LATEST IMAGERY USED		NEGATION DATE (If required)	
		NA	

BASIC DESCRIPTION

No changes have been observed at Han-kou Thermal Power Plant since December 1968, the date of the latest photography used in the previous report.

The plant was not operating when observed in August and October 1969. No smoke was emanating from the stacks.

REFERENCES

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CIA. RCS 13/0110/69, Selected Chinese Power Plants, May 1969, (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Hsi-shui Hydro Power Plant Pai-lien-ho		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
50RLJ507862	30-35-40N 115-26-40E	
MAP REFERENCE		
15th RTS. USATC, Series 200, Sheet M0493-7HL, 2nd ed, Jul 67, Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

No changes have been observed at Hsi-shui Hydro Power Plant Pai-lien-ho since December 1967, the date of the latest photography used in the previous report.

The plant did not appear to be operating in July or December 1969. No water turbulence was observed in the tailrace.

REFERENCES

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CIA. RCS 13/0110/69, Selected Chinese Power Plants, May 1969, (TOP SECRET RUFF)

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INSTALLATION OR ACTIVITY NAME		COUNTRY	
Huang-shih Thermal Power Plant		CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES		25X1
50RLJ151452	30-13-41N 115-04-27E		
MAP REFERENCE			
2nd RTS. USATC, Series 200, Sheet M0493-IIHL, 4th ed, Jul 68, Scale 1:200,000			
(SECRET)			25X1
LATEST IMAGERY USED		NEGATION DATE (If required)	
		NA	

BASIC DESCRIPTION

No changes have been observed at Huang-shih Thermal Power Plant since November 1967, the date of the latest photography used in the previous report.

The larger of the two boilerhouses was operating in December 1969. Heavy smoke was emanating from the stack. The smaller boilerhouse was not operating as no smoke was observed.

REFERENCES

Document

CIA. RCS 13/0110/69, Selected Chinese Power Plants, May 1969, (TOP SECRET RUFF)

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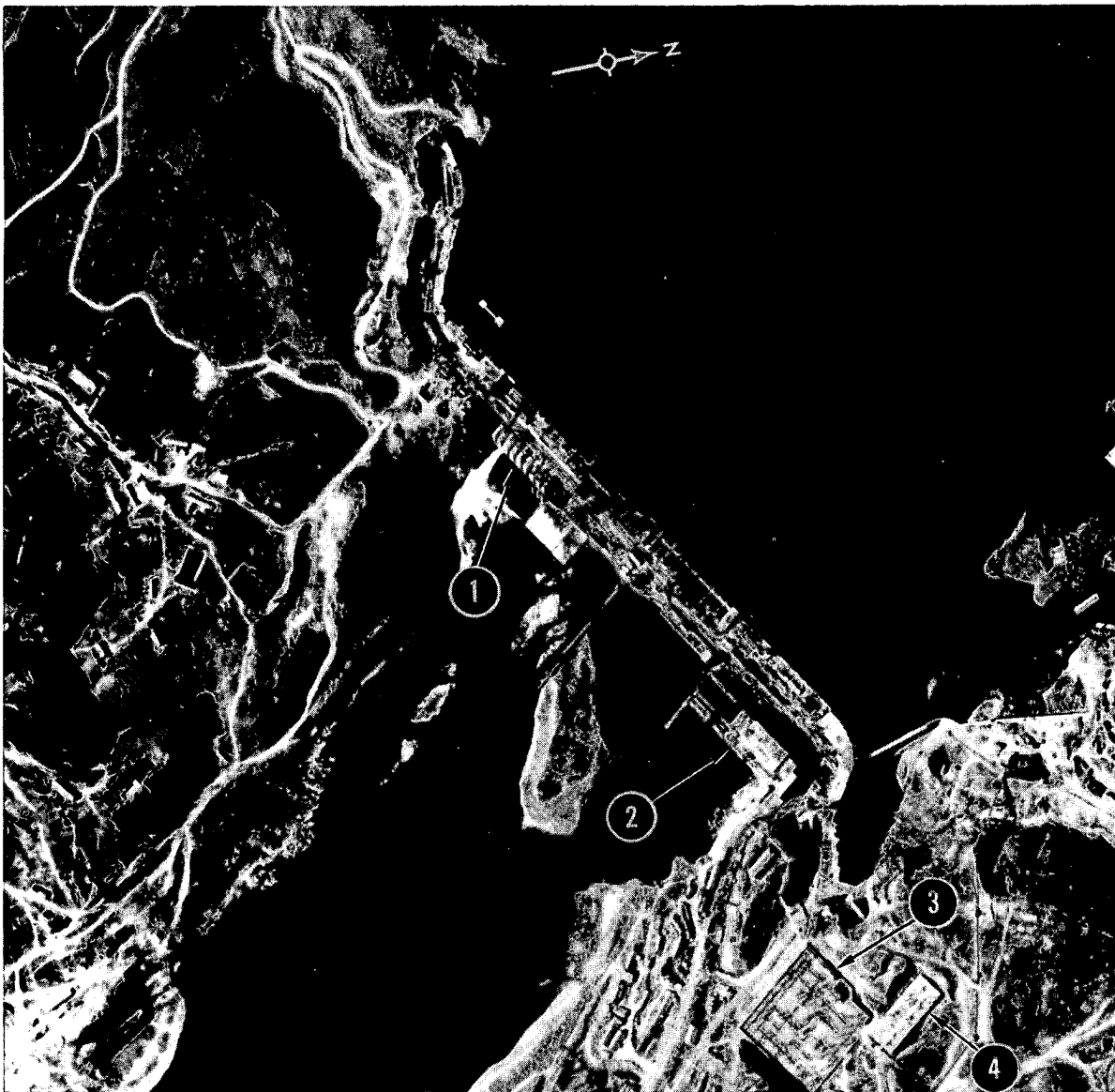


FIGURE 2. KUANG-HUA HYDRO POWER PLANT TAN CHIANG-KOU,

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KEY TO ANNOTATIONS	
Item	Description
1	Spillway
2	Powerhouse
3	New Switching Yard
4	Original Switching Yard

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Kuang-hua Hydro Power Plant Tan-chiang-kou		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
49SEG458020	32-33-10N 111-29-15E	
MAP REFERENCE		
548th RTG. USATC, Series 200, Sheet M0385-22HL, 2nd ed, Nov 68, Scale 1:200,000		
(SECRET)		
LATEST IMAGERY USED		NEGATION DATE (If required)
		NA

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BASIC DESCRIPTION

At Kuang-hua Hydro Power Plant Tan-chiang-kou, construction has continued since November 1968, the date of the latest photography used in the previous report. In December 1969, the dam was nearing completion. About half of the powerhouse was roofed, and a probable crane was next to the unfinished portion. No transformers have been seen near the powerhouse, but shadows may have precluded their identification.

A new switching yard has been constructed immediately southwest of the previously reported switching yard. Construction of the new switching yard was first observed on photography of November 1968 and it will probably replace the original yard.

In October and December 1969, the reservoir was nearly full and water was being discharged through one of the spillway outlets. The plant was not in operation, as no water turbulence was seen in the tailrace. It probably was not yet operational.

REFERENCES

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Document

CIA. BCS 13/0113/69, Kuang-hua Hydro Power Plant (Tan-chiang-kou), January 1969
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INSTALLATION OR ACTIVITY NAME

COUNTRY

Wu-han Thermal Power Plant 3

CH

UTM COORDINATES

GEOGRAPHIC COORDINATES

50RKJ414865

30-34-35N 114-18-30E

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MAP REFERENCE

USATC, Series 200, Sheet M0493-6HL, 4th ed, Jan 68, Scale 1:200,000

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LATEST IMAGERY USED

NEGATION DATE (If required)

NA

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BASIC DESCRIPTION

No changes have been observed at Wu-han Thermal Power Plant 3 since September 1968, the date of the latest photography used in the previous report.

The plant was operating in October 1969. Smoke was emanating from the stack.

REFERENCES

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CIA. BCS 13/0112/69, Wu-han Thermal Power Plant No. 3, January 1969

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